

First Bulletin – March 2014

5th Roma International Conference on Astroparticle Physics (RICAP-14)

September 30th – October 3rd, 2014 – Noto, Italy

Hosted by

Laboratori Nazionali del Sud, INFN - Catania

RICAP-14 will be the fifth edition of the RICAP Conference. Even if the acronym stands for Roma International Conference on Astro-Particle Physics, the 2014 edition will be organized, for the first time, outside Roma. The Conference, entirely dedicated to the study of high-energy cosmic rays, has been traditionally organized by the three public Universities of Roma (University “Roma Tre”, University “La Sapienza” and University “Tor Vergata”). The 2014 edition, organized by physicists of Laboratori Nazionali del Sud (INFN, Catania) will be held in Noto, a well-known baroque town that in 2002 UNESCO inscribed on the World Heritage List as “representing the culmination and final flowering of Baroque art in Europe”.

Scientific Topics

The aim of the Conference will be to present and discuss some of the most relevant theoretical and experimental results in the field of high-energy cosmic rays (gamma, neutrinos, charged cosmic rays). Special attention will be paid to the multi-messenger search for high-energy cosmic rays sources, including gravitational wave searches. A special session will be dedicated to Dark Matter search. The Conference will give the opportunity to collect experimental results from presently operating experiments. Experiments in progress and future projects will be discussed, debating on the different features and on sensitivities. Particular relevance will be given to the discussion of the open questions in high energy Astroparticle Physics.

Committees

Invited International Organizing Committee

Felix Aharonian (Dublin Institute for Advanced Studies, Ireland)

Roberto Battiston (University & INFN, Perugia, Italy)

Tom Gaisser (University of Delaware, USA)

Francis Halzen (University of Wisconsin, USA)

Juan Jose Hernandez (University of Valencia, Spain)

Paolo Lipari (INFN, Roma, Italy)

Szabolcs Marka (Columbia University, New York, USA)

Antonio Masiero (Università degli Studi di Padova & INFN, Padova)

Giorgio Matthiae (University "Tor Vergata" & INFN, Roma, Italy)

Carlos Muñoz (Universidad Autónoma de Madrid, Spain)

Christian Spiering (DESY Zeuthen, Germany)
Eli Waxman (The Weizmann Inst. of Science, Rehovot, Israel)
Juande Zornoza (Instituto de Física Corpuscular, Valencia, Spain)

Local Organizing Committee

Antonio Capone (Università di Roma La Sapienza & INFN, Roma)
Marco Ciuchini (INFN, Roma3)
Rosa Coniglione (INFN, LNS)
Giacomo Cuttone (INFN, LNS)
Giulia De Bonis (INFN, Roma)
Mario De Vincenzi (Università Roma Tre & INFN, Roma)
Marcella Diemoz (INFN, Roma)
Carla Distefano (INFN, LNS)
Francesco Fucito (Università Roma Tor Vergata & INFN, Roma)
Massimo Imbesi (INFN, LNS)
Aldo Morselli (Università Roma Tor Vergata & INFN, Roma)
Paolo Piattelli (INFN, LNS) - Chair
Piera Sapienza (INFN, LNS)

Conference addresses

Email: ricap14@lns.infn.it
Web Page: <https://agenda.infn.it/conferenceDisplay.py?confId=7620>

Mailing Address:
Paolo Piattelli,
Laboratori Nazionali del Sud, INFN
via Santa Sofia 6295125, Catania, Italy

Important deadlines

Starting date for registration	01/04/2014
Deadline date for early-registration	01/09/2014
Deadline for registration	20/09/2014
Starting date for abstract submission	01/04/2014
Deadline for abstract submission	01/09/2014
Opening Ceremony	30/09/2014
Closing Ceremony	03/10/2014
Deadline for proceedings submission	31/12/2014

Conference Venue

The Conference will be hosted by the Consorzio Universitario Mediterraneo Orientale (CUMO) in Noto in a prestigious architectural complex recently restored. The conference venue is located in the old town of Noto at a walking distance from the hotels.

The town of Noto can be easily reached from Catania and its airport by bus. Several bus rides (about 1 hour) connect the centre of Catania (and the airport) to Noto each day.

More information will be given in the “how to reach” section on the [conference web page](#).

Accommodation

Accommodation will be provided in hotels and B&B inside the old town. A complete list of the facilities will be published on the web page when registration will open. Accommodation will be provided strictly on a “first come, first served” basis. Thus, we strongly recommend you to book your room as soon as possible.

Registration

The registration fees for the RICAP-14 conference are:

Before September 1st, 2014	After September 1st, 2014
300 €	350 €

The registration fee includes:

- lunches and coffee breaks;
- conference dinner;
- a conference bag;
- hardcopy of proceedings of the invited/parallel talks and of poster sessions.

How to Register

Registrations can only be made through the form available at <https://agenda.infn.it/confRegistrationFormDisplay.py/display?confId=7620>.

All payments must be made in Euro, either with a bank transfer or with credit card. It will also be possible to pay the fee by cash or credit card on site at the Registration Desk.

• Payment by Bank Transfer:

The transfer must be addressed to: “**Associazione Romana per le Astroparticelle**” and

drawn on **Unicredit Banca di Roma, Ple. Aldo Moro 5, 00185 Roma.**

Banking coordinates for payments:

IBAN: IT 34 X 02008 05227 000011607039

Swift Code: UNCRITM1153

Please remember to include in the motivation of the bank transfer payment:

"**Name, Surname**" of the participant and "**fee for RICAP-14**".

Please transfer the Total Amount Due in EURO (**free of the bank charges for the recipient**).

• **Payment by Credit Card:**

Credit card payments can be made through the following link:

http://test.arap-astroparticelle.it/conferenze_attive.html.

To complete your registration, please mail a copy of the Bank Transfer Payment to the Conference Secretariat: ricap14@lns.infn.it.

For any problem with the registration procedure, please contact the Conference Secretariat: ricap14@lns.infn.it.

Web access during the Conference

Web access during the Conference will be available. The information needed for the connection will be provided soon.

Scientific Program

The Conference program includes about 25 invited plenary talks and several talks in the parallel sessions. The table below shows the schedule of the plenary and parallel sessions for the three days of the Conference:

	Sept. 30th, Tuesday	Oct. 1st, Wednesday	Oct. 2nd, Thursday	Oct. 3rd, Friday
First morning session	Plenary Session	Plenary Session	Plenary Session	Plenary Session
	Coffee break	Coffee break	Coffee break	Coffee break
second morning session	Plenary Session	Plenary Session	Plenary Session	Plenary Session
	Lunch	Lunch	Lunch	Lunch
First afternoon session	Parallel Session A Parallel Session B	Parallel Session E Parallel Session F	Parallel Session I Parallel Session J	Plenary Session and Summaries
	Coffee break	Coffee break		
second afternoon session	Parallel Session C Parallel Session D	Parallel Session G Parallel Session H		

Conference Proceedings and Abstract or Paper submission

The Conference Proceedings will be published on an International Journal. The cost for one copy of the proceedings is included in the registration fee. Please visit the Conference web page to get information about Abstract Submission and Paper Submission for the proceedings. All enquiries concerning scientific aspects of the conference, financial support, registration and so on, should be sent to the Conference Secretariat (ricap14@lns.infn.it).